

W.H.O. Tub Grinder with the dependability, efficiency and capacity you need



Model P10-43HD Specifications

PHYSICAL DIMENSIONS

Length with elevator in transport position 38 feet
 Length with elevator extended 51 feet
 Width across top of tub 10 feet
 Inside diameter at base 90 inches
 Height to tub rim 10 feet
 Overall height in transport position 11 feet 4 inches
 Maximum height of discharge from elevator 15 feet

MAIN DRIVE ASSEMBLY

Double jackshaft with hi-cap V-belts 16 belts
 Drivelines 1710 Spicer

GRINDING CYLINDER

Cylinder weight (Without hammers or rods) 1250 lbs.
 Shaft size 4-7/8 inches
 Journal bearings (Double row roller ball bearings with split housings) 3-15/16 inches
 Rotor length 43 inches
 Rotor diameter 16 inches
 Hammer swing diameter 27 inches
 Number of hammers in standard set 34
 Maximum 68
 Hammer retaining rods are heat treated and 1-7/16 inches in diameter.

TUB ASSEMBLY

Tub drive 81XHHR chain around the tub and drive sprocket
 Powered by Sundstrand planetary gearbox with 22:1 ratio, powered by hydraulic motor and pump

CONVEYOR ASSEMBLY

Elevator belt 20 inches wide with molded cleats
 Elevator length Furnished 26 feet standard, optional lengths available
 Dragbox length 6 feet
 Dragbox belt 24 inches wide by 13 feet 2 inches long with molded cleats
 Elevator winch and folder operate with standard hydraulics
 Magnetic pulley assembly (optional ferrous metal removal usage) 8 inch diameter, 20 inch wide magnetic pulley and discharge chute

SCREENS

Demolition screens 5/16 inch thick sheet steel with 7/8 inch thick solid steel bars on the grinding surface and for supporting framework
 Product sizing screens ... Hole sizes from 1/2 inch to 6 inch (Thicknesses available 1/4, 3/8, 1/2 and 1 inch)
 Screen to hammer clearance 1/4 to 3/8 inch

ENGINE

Standard Caterpillar 3306 diesel, rated at 300 h.p.

SUSPENSION

Suspension Multi-leaf springs
 Axles Two, or three, 10,000 lb. dual wheel with electric brakes
 Tires 750 x 16 tubeless

GENERAL INFORMATION

Fire extinguisher 20 lb.
 Weight 18,000 lb. with engine
 Frame Heavy-duty tubing frame
 Tub 10 feet wide at top of flange, 90 inches wide at bottom and 55 inches deep



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GRINDERS™

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NOTE: All necessary safety devices such as handrails, safety guards around pits, etc. must be furnished by customer.

Because of continued efforts to improve our product, we reserve the right to change design and specifications without notice.